

INTERNATIONAL SEARCH REPORT

International Application No

PCT/03/00468

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01D17/022 B01J20/26 B01J20/28 B01D17/04 B01D17/00
B01D17/12 B01D17/025

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01D B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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| X Y | GB 2 083 370 A (MARUCHI KOKEN KK) 24 March 1982 (1982-03-24) page 2; claim 11; figures 3,9,11,12 page 4 - page 5 | 1-4, 6-9, 21-24, 26 11-20, 37-46 |
| X Y | US 4 220 544 A (MCGREW JAY L) 2 September 1980 (1980-09-02) the whole document | 47-56 11-20, 37-46 |
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| A | US 4 591 441 A (SAKAI UTARO) 27 May 1986 (1986-05-27) figures 3,5 | 1-56 |
| | -/- | |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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G document member of the same patent family

Date of the actual completion of the international search

10 December 2003

Date of mailing of the international search report

17/12/2003

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